SYSTEMS AND METHODS FOR MAPPING API CALLS

Abstract of the Disclosure

The invention is related to methods and apparatus that provide a graphical-user-interface-based tool using drag and drop functionality to manipulate descriptions of the interface between two dissimilar API functions. A graphical-user-interface-based tool advantageously permits a user to draw lines between the parameter nodes of the two APIs to indicate the translation of data elements from a first form in which the nodes exist in one API to a second form in a different API. The graphical-user-interface-based tool also depicts the flow of information into a set of API call input parameters, and the flow of information resulting from that API call into another set of nodes. In one embodiment, API functions and parameters are represented as nodes within an object hierarchy, providing a convenient relationship between the nodes, and variables and methods written in an object oriented programming language.

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